

VILLAGE OF CLEVELAND
1150 W WASHINGTON AVE
CLEVELAND, WI 53015

Project Number: 24021998
Report Date: 12/2/2024
Sampled By: CLIENT

Attn: MR. CHRIS JOST/MR. STACY GRUNWALD

PO#: 08252016-SF
Samples: 10

Sample Number: 54051934
Sample ID: 36,000
Sample Date: 11/19/2024
Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	6.2	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.13	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	17	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051935
Sample ID: 110,000
Sample Date: 11/19/2024
Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	3.5	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.14	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	22	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051936
Sample ID: 107,000
Sample Date: 11/19/2024
Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.15	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	6.5	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.54	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	57	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

CERTIFICATIONS

Sample Number: 54051937
 Sample ID: 141,000
 Sample Date: 11/19/2024
 Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	22	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.96	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	149	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051938
 Sample ID: 6,000
 Sample Date: 11/19/2024
 Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	4.5	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.069	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	9.4	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051939
 Sample ID: 80,000
 Sample Date: 11/19/2024
 Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	2.5	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.65	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	4.0	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051940
 Sample ID: 98,000
 Sample Date: 11/19/2024
 Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.15	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	5.6	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	2.6	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	14	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051941
Sample ID: EP 1
Sample Date: 11/19/2024
Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	6.4	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.10	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	22	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051942
Sample ID: EP 2
Sample Date: 11/19/2024
Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.15	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	3.6	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.14	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	26	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

Sample Number: 54051943
Sample ID: 138,000
Sample Date: 11/19/2024
Date Received: 11/20/2024

Parameter	Results	Units	LOD	LOQ	Dil.	Method	Analyzed	Codes
<u>GENERAL ANALYSIS</u>								
TURBIDITY-LAB SCREENING	0.10	NTU	0.10	0.10	1	EPA180.1	11/25/2024	
<u>METALS</u>								
ARSENIC, TOTAL	3.2	ug/L	0.26	0.87	1	EPA200.8	11/29/2024	
IRON, TOTAL	0.15	mg/L	0.027	0.090	1	EPA200.8	11/25/2024	
MANGANESE, TOTAL	6.0	ug/L	0.13	0.43	1	EPA200.8	11/25/2024	

All LOD/LOQs adjusted for dilution and/or solids content.
LOD = Limit of Detection LOQ = Limit of Quantitation

BADGER LABORATORIES, INC.
WDNR Certified Lab #445023150
Approved By:

Amanda Vordus

BL: dg

24021998

SAMPLE REQUEST & CHAIN OF CUSTODY FORM



BADGER LABS

ANALYTICAL LABORATORY & ENVIRONMENTAL SERVICES
est. 1966

Neenah: 501 W. Bell St. Neenah, WI 54956
Green Bay: 2150 Memorial Drive Suite 106 Green Bay, WI 54303

Certifications
WI DNR Cert. Lab #445023150
WI DATCP Cert. #105-205
GB-WI DNR Cert. Lab #405222820
GB-WI DATCP Cert. #105-450

CLIENT NAME / ADDRESS: Village of Cleveland

BILLING ADDRESS/ EMAIL: 1150 W Washington Avenue
PO BOX 87 Cleveland, WI 53015

REPORT TO: Chris Jost
EMAIL: clost@clevelandwi.gov
PHONE: FAX:

PROJECT NAME/ SITE: Compliance Testing

TURN AROUND TIME: STANDARD 10 DAY: RUSH (BOOK UPCHARGE): DATE NEEDED: _____

PO NUMBER: 08252016-SF

MATRIX: DW = DRINKING WATER
WW = WASTEWATER
GW = GROUNDWATER
CW = COOLING WATER
S = SOLID/SLUDGE
P = PAPER
F = FUEL
OTHER: _____

GROUNDWATER SAMPLES (Circle one):
Field Filtered
Lab filtered

ANALYTICAL REQUESTS

SAMPLE ID	LAB USE ONLY SAMPLE #	SAMPLE COLLECTION		PRESERVATIVE (SEE BELOW)	MATRIX (SEE ABOVE)	GRAB or COMPOSITE (CIRCLE)	LAB USE ONLY		
		DATE	TIME				PROJECT #	pH OK	DATE REC'D
36,000	31	11-19-24	2:05pm	HNO3	DW	GRAB COMP.	21998	✓	
110,000	35	11-19-24	1:00 pm	HNO3	DW	GRAB COMP.		✓	
107,000	36	11-19-24	12:45pm	HNO3	DW	GRAB COMP.		✓	
141,000	37	11-19-24	3:12 pm	HNO3	DW	GRAB COMP.		✓	
6,000	38	11-19-24	3:05 pm	HNO3	DW	GRAB COMP.		✓	
80,000	39	11-19-24	2:40 pm	HNO3	DW	GRAB COMP.		✓	
98,000	40	11-19-24	2:15 pm	HNO3	DW	GRAB COMP.		✓	
EP1	41	11-20-24	11:00 AM	HNO3	DW	GRAB COMP.		✓	
EP2	42	11-20-24	11:15 AM	HNO3	DW	GRAB COMP.		✓	
138,000	43	11-20-24	11:50AM	HNO3	DW	GRAB COMP.		✓	

Asenitic
Iron
Manganese

PRESERVATIVE: NP=NO PRESERVATIVE; H2SO4=SULFURIC ACID; HNO3=NITRIC ACID; HCL=HYDROCHLORIC ACID; NaOH=SODIUM HYDROXIDE; ZA=ZINC ACETATE

CHAIN OF CUSTODY RECORD

FILLED IN BY CLIENT: CJ

FILLED IN BY BADGER LABS: GR

SAMPLED BY: CJ

DATE/TIME SAMPLED: 11/20/24 1:05 pm

DATE/TIME RECEIVED: NOV 20 2024 10:38 AM

RELINQUISHED BY: CJ

LOGGED IN: MS

DELIVERY METHOD: CLIENT

ICE?: Y N

ADDITIONAL COMMENTS: _____